

1/15

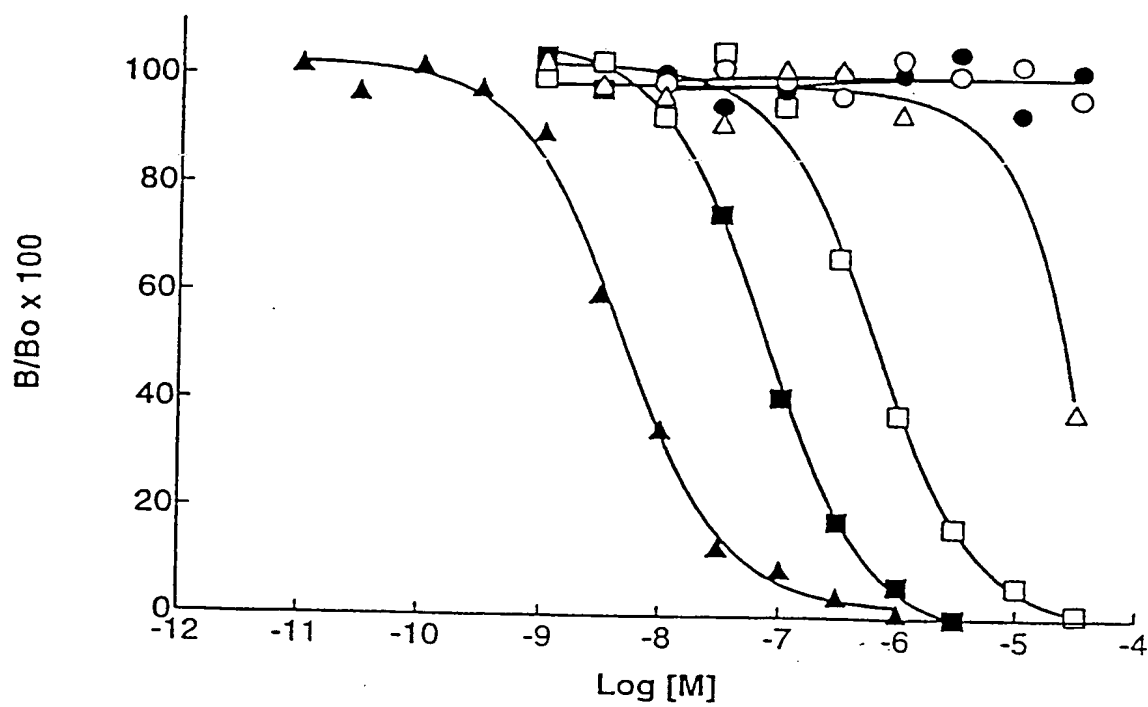


Figure 1

2/15

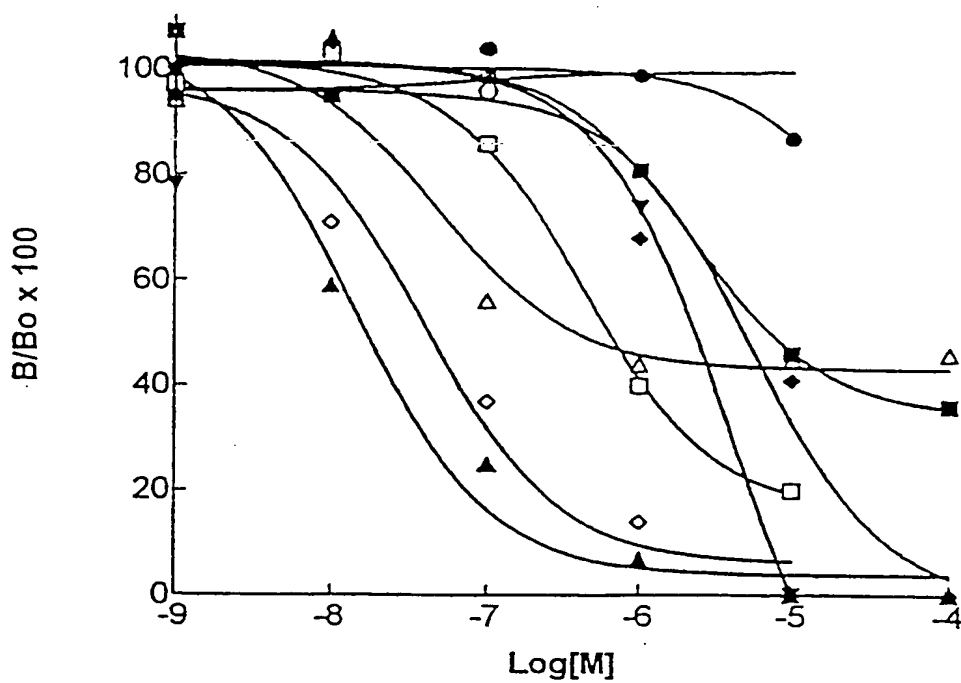


Figure 2

3/15

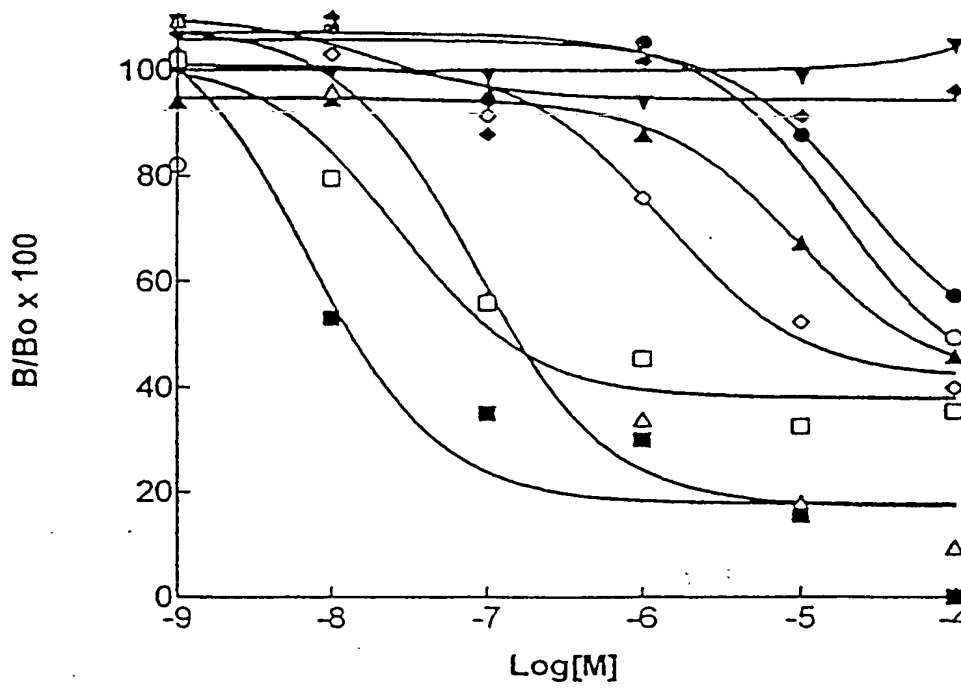


Figure 3

4/15

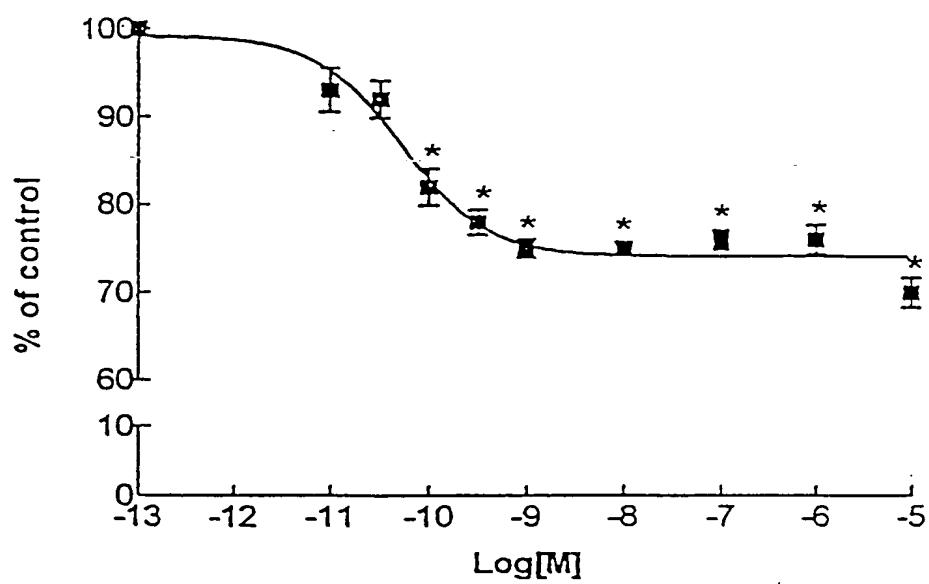


Figure 4

5/15

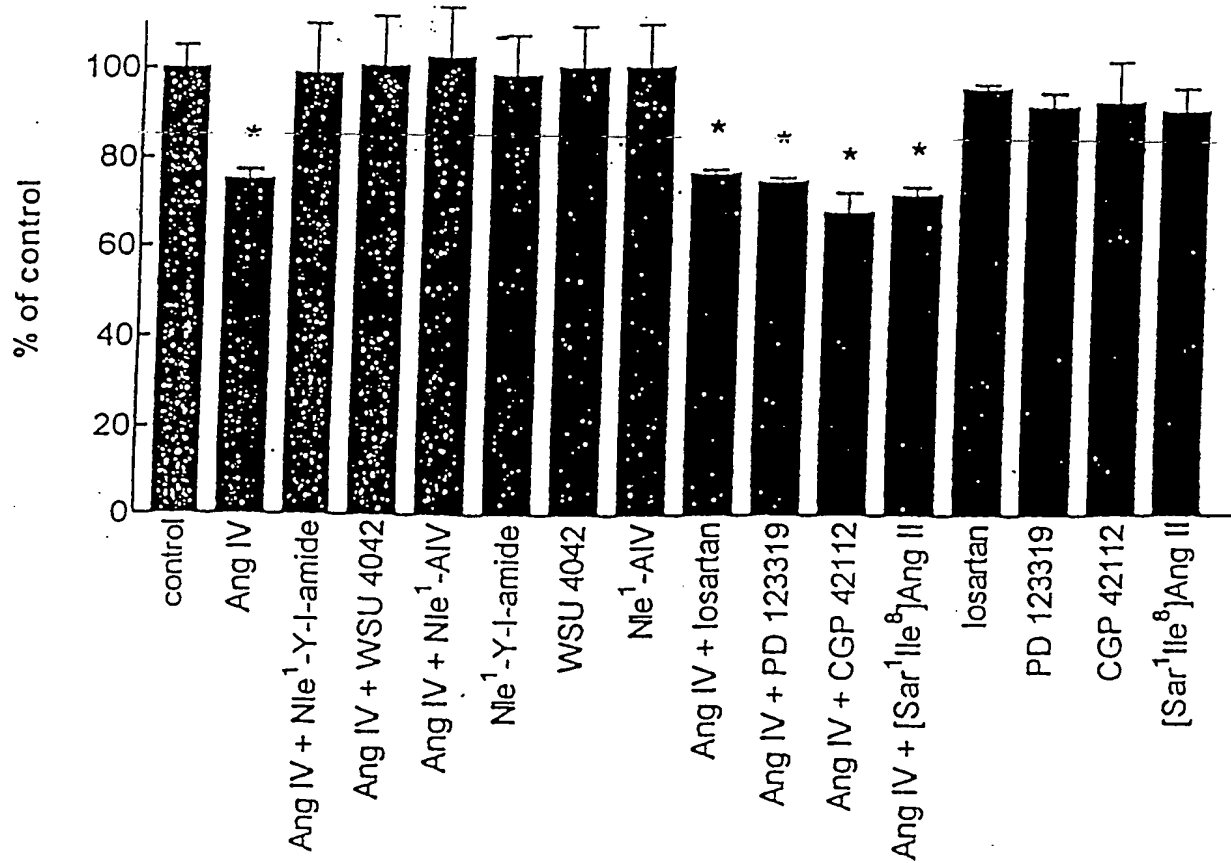


Figure 5

09/147490

6/15

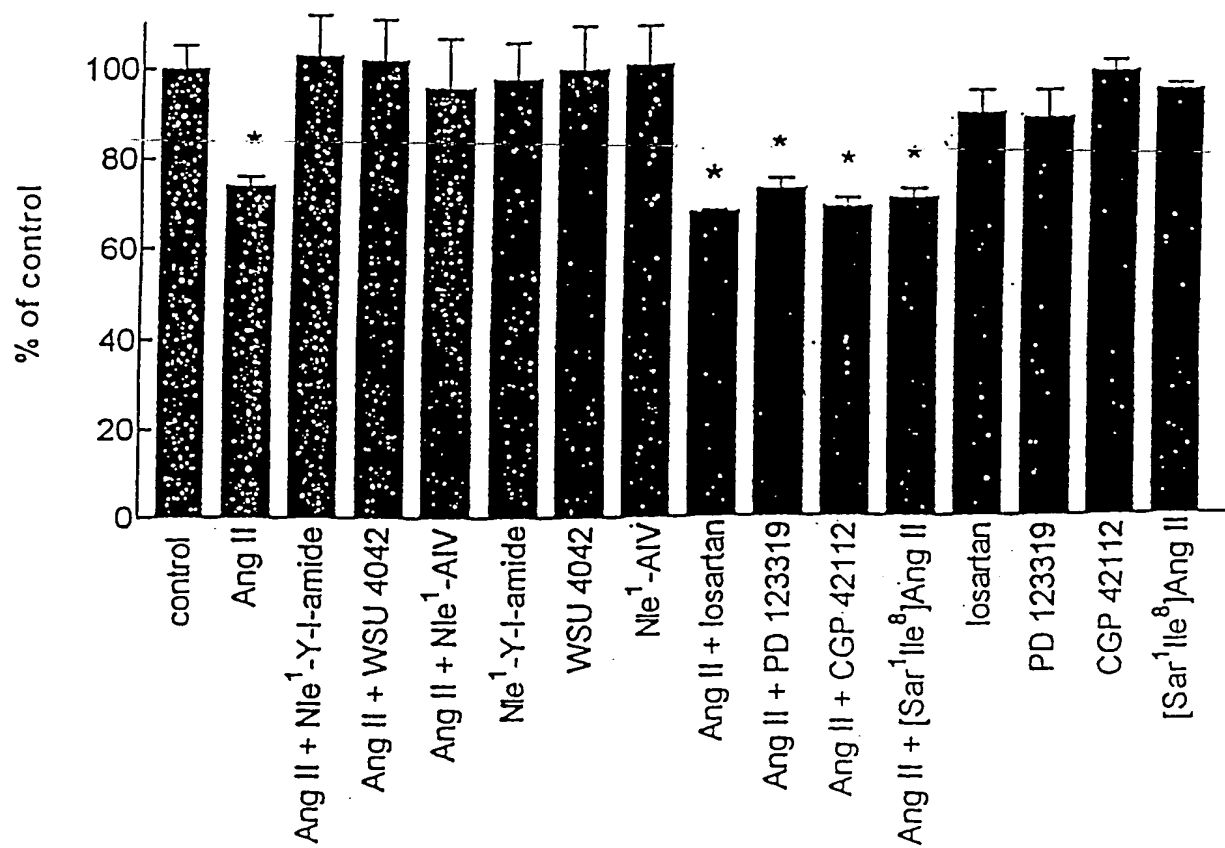


Figure 6

7/15

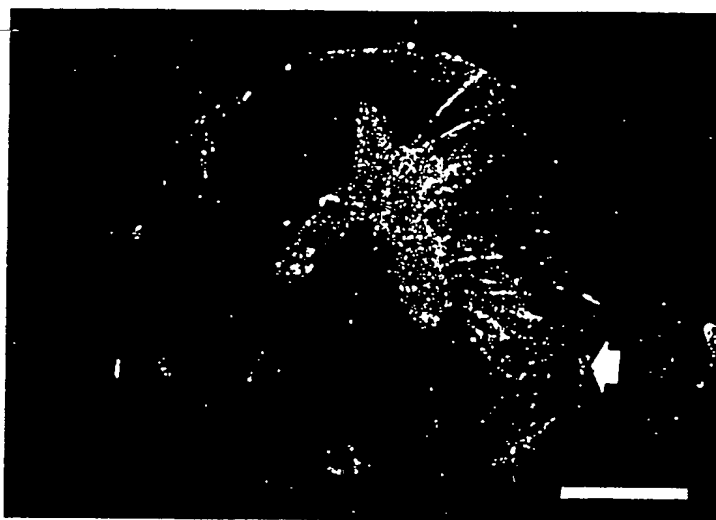


Figure 7

8/15

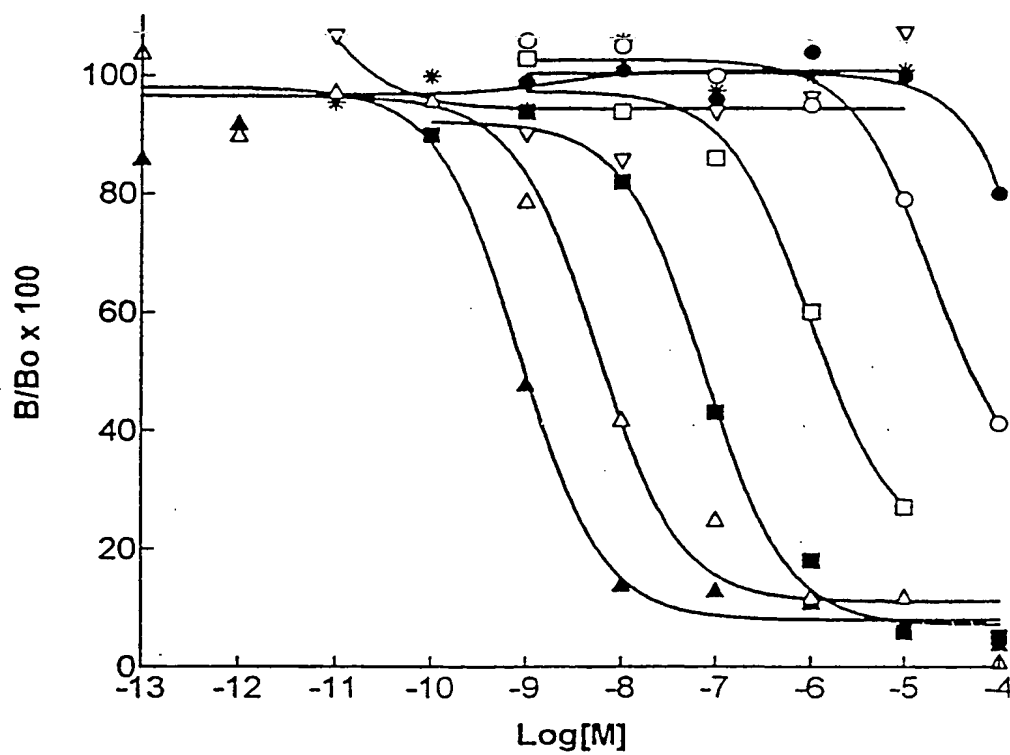


Figure 8

9/15

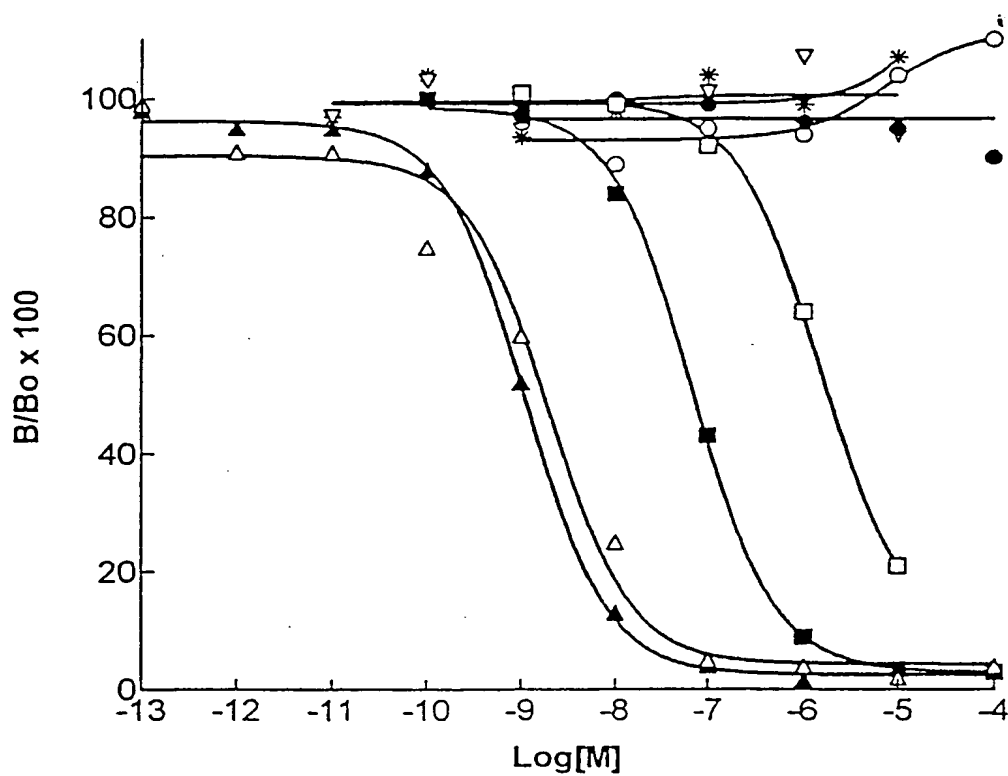
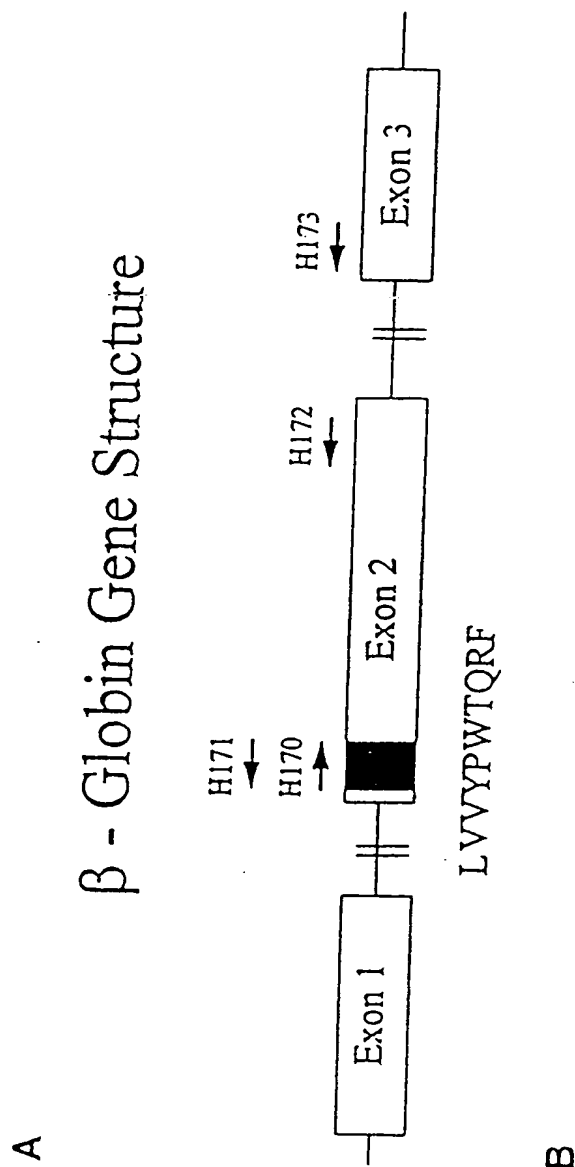


Figure 9

10/15



Oligonucleotide sequences:

H170: 5' CTGGTTGTCTACCCCTGGACTCAG 3'
 H171: 5' CTCTGAGTCCAGGGGTAGACAACAG 3'
 H172: 5' CTCAGGATCCACATGCAGCTTATCAG 3'
 H173: 5' CAGCACACCCTAGCACATTGCC 3'

Figure 10

11/15

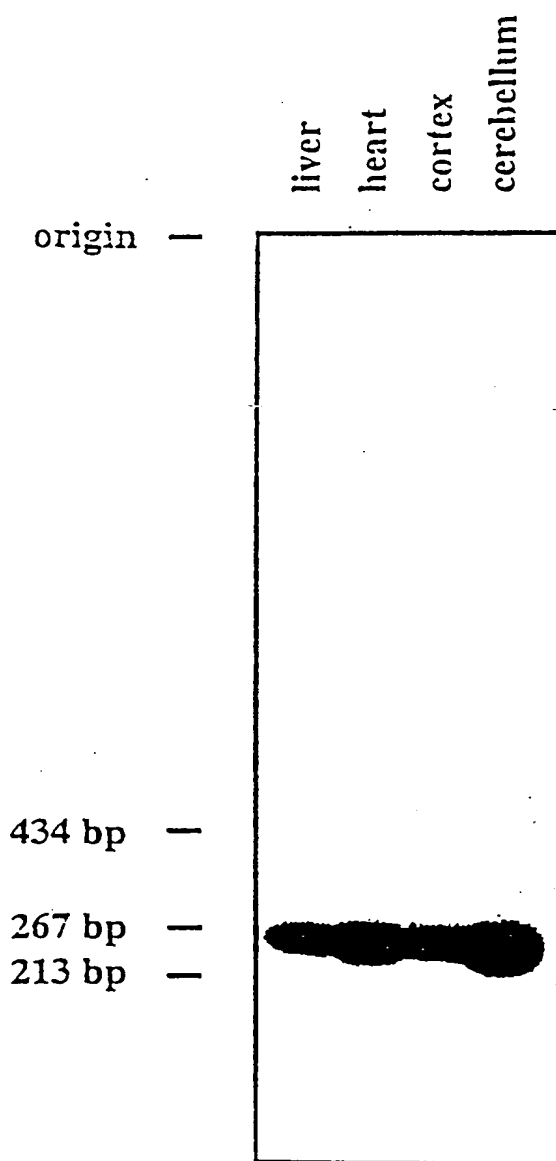


Figure 11

12/15

EX CACAAACTCAGAAACAGACACCATGGTGCACCTGA
 RNBGLO TGCTTCTGACATAGTTGTGTTGACTCACAAACTCAGAAACAGACACCATGGTGCACCTGA

EX CTGATGCTGAGAAGGCTGCTGTTAATGGCCTGTGGGAAAGGTGAACCCCTGATGATGTTG
 RNBGLO CTGATGCTGAGAAGGCTGCTGTTAATGGCCTGTGGGAAAGGTGAACCCCTGATGATGTTG

EX GTGGCGAGGCCCTGGGCAGGCTGCTGGTTGTCTACCCCTGGACCCAGAGGTACTTTGATA
 RNBGLO GTGGCGAGGCCCTGGGCAGGCTGCTGGTTGTCTACCCCTGGACCCAGAGGTACTTTGATA

EX GCTTTGGGGACCTGTCTCTGCCTCTGCTATCATGGGTAACCCTAAGGTGAAGGCCCATG
 RNBGLO GCTTTGGGGACCTGTCTCTGCCTCTGCTATCATGGGTAACCCTAAGGTGAAGGCCCATG

EX GCAAGAAGGTGATAAACGCCTTCAATGATGGCCTGAAACACTTGGACAACCTCAAGGGCA
 RNBGLO GCAAGAAGGTGATAAACGCCTTCAATGATGGCCTGAAACACTTGGACAACCTCAAGGGCA

EX CCTTTGCTCATCTGAGTGAAGTCCACTGTGACAAGCTGCATGTGGATCCTGAGAACTTCA
 RNBGLO CCTTTGCTCATCTGAGTGAAGTCCACTGTGACAAGCTGCATGTGGATCCTGAGAACTTCA

EX GGCTCCTGGGCAATATGATTGTGATTGTGTTGGGCCACCACCTGGGCAAGGAATTCACCC
 RNBGLO GGCTCCTGGGCAATATGATTGTGATTGTGTTGGGCCACCACCTGGGCAAGGAATTCACCC

EX CCTGTGCACAGGCTGCCTTCCAGAAGGTGGTGGCTGGAGTGGCCAGTGGCCCTGGCTCACA
 RNBGLO CCTGTGCACAGGCTGCCTTCCAGAAGGTGGTGGCTGGAGTGGCCAGTGGCCCTGGCTCACA

EX AGTACCACTAAACCTCTTTTCTGCTCTTGTCTTTGTGCAATGGTCAATTGTTCCCAAGA
 RNBGLO AGTACCACTAAACCTCTTTTCTGCTCTTGTCTTTGTGCAATGGTCAATTGTTCCCAAGA

EX GAGCATCTGTCAGTTGTTGTCAAAATGACAAAGACCTTTGAAAATCTGTCCTACTAATAA
 RNBGLO GAGCATCTGTCAGTTGTTGTCAAAATGACAAAGACCTTTGAAAATCTGTCCTACTAATAA

EX AAGGCATTTACTTTCACTGCAAAAAAAAAAAAAAAAAA
 RNBGLO AAGGCATTTACTTTCACTGC

Figure 12

13/15

EX CACAAACTCAGAAACAGACACCATGGTGCACCTGA
M V H L

EX CTGATGCTGAGAAGGCTGCTGTTAATGGCCTGTGGGGAAAGGTGAACCCTGATGATGTTG
T D A E K A A V N G L W G K V N P D D V

EX GTGGCGAGGCCCTGGGCAGGCTGCTGGTTGTCTACCCTTGGACCCAGAGGTACTTTGATA
G G E A L G R L L V V Y P W T Q R Y F D

EX GCTTTGGGGACCTGTCCTCTGCCTCTGCTATCATGGGTAACCCTAAGGTGAAGGCCCATG
S F G D L S S A S A I M G N P K V K A H

EX GCAAGAAGGTGATAAACGCCTTCAATGATGGCCTGAAACACTTGGACAACCTCAAGGGCA
G K K V I N A F N D G L K H L D N L K G

EX CCTTTGCTCATCTGAGTGAAGTCCACTGTGACAAGCTGCATGTGGATCCTGAGAACTTCA
T F A H L S E L H C D K L H V D P E N F

EX GGCTCCTGGGCAATATGATTGTGATTGTGTTGGGCCACCACCTGGGCAAGGAATTCACCC
R L L G N M I V I V L G H H L G K E F T

EX CCTGTGCACAGGCTGCCTTCCAGAAGGTGGTGGCTGGAGTGGCCAGTGCCCTGGCTCACA
P C A Q A A F Q K V V A G V A S A L A H

EX AGTACCACTAAACCTCTTTTCCTGCTCTTGTCTTTGTGCAATGGTCAATTGTTCCCAAGA
K Y H *

EX GAGCATCTGTCAGTTGTTGTCAAAATGACAAAGACCTTTGAAAATCTGTCCTACTAATAA

EX AAGGCATTACTTTCACTGCAAAAAAAAAAAAAAAAAAAAA

Figure 13

14/15

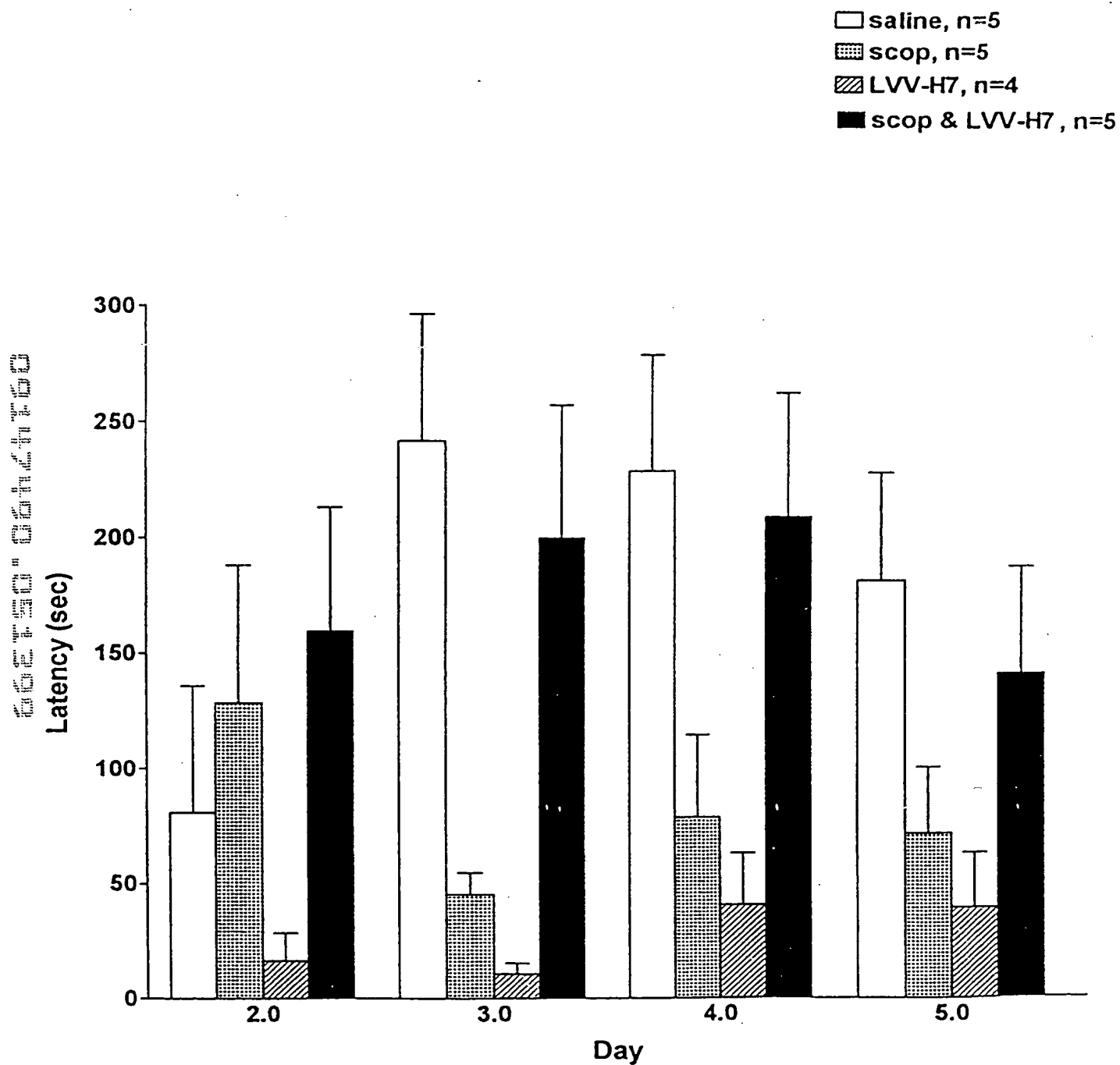


Figure 14

15/15

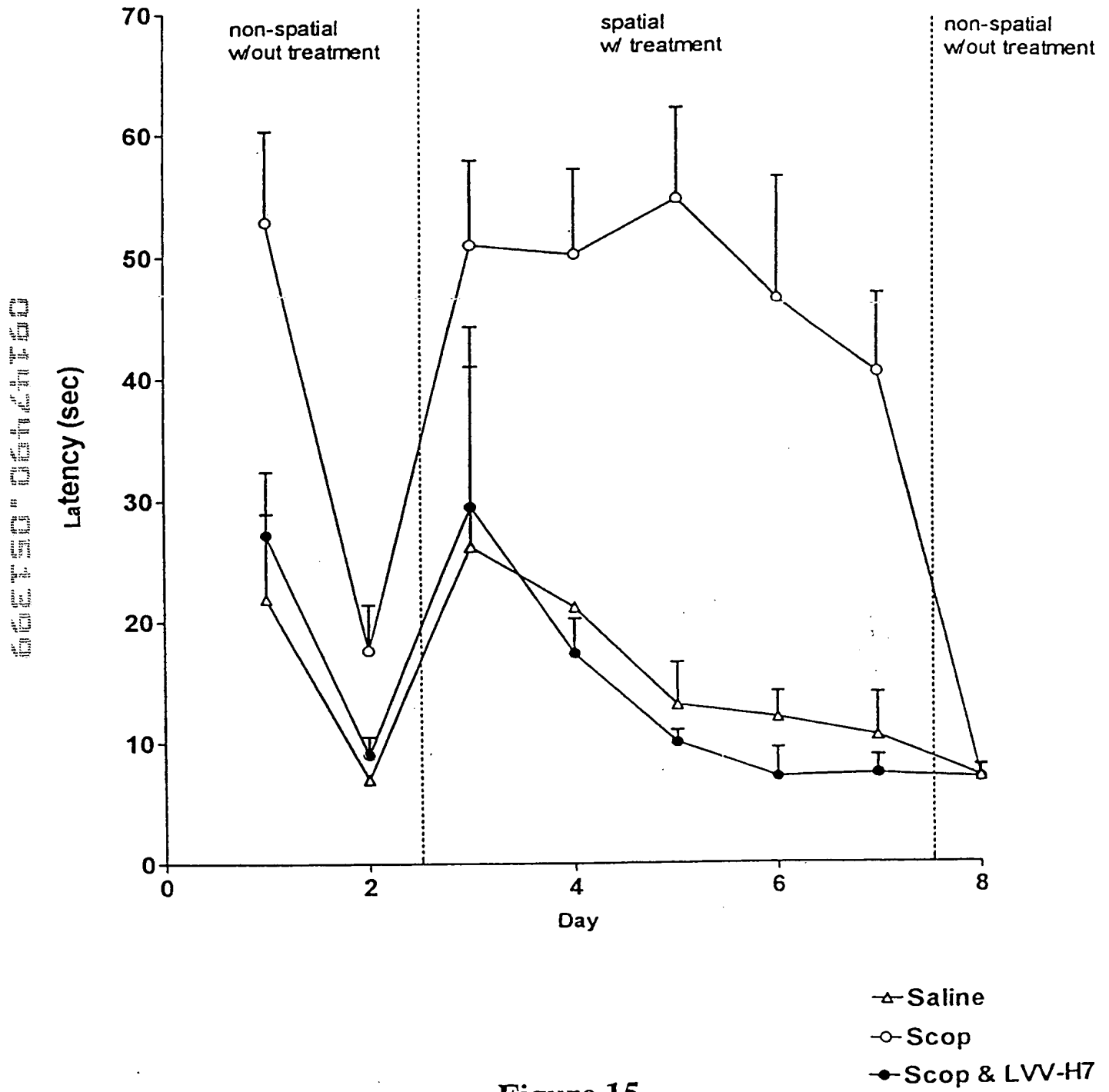


Figure 15